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COUNTY OF ANGLESEY

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1944.

ARNOLD DAVIES, B.A., M.D., D.P.H.,
County Medical Officer.

W. O. JONES, FOUNDRY PRINTING WORKS, LLANGE NI

66838

To the Chairman and Membe the Public Health and Housing Committee.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you my Annual Report on the health of the County for the year 1944.

The statistieal figures show an improvement upon the figures for the previous year.

The Birth Rate shows a slight increase 17.78 as compared with 17.29 for the previous year.

The Crude Death Rate is 14.42 compared with 15.24 in 1943.

The Death Rates from Heart Disease and Respiratory Disease are lower, and the Phthisis Death Rate shows a marked Decrease from .74 to .40 per thousand. This is the lowest figure recorded for Anglesey.

The Cancer Death Rate eontinues to show an increase.

I feel greatly indebted to the Chairman of the Publie Health Committee for his aetive interest and loyal support in all matters pertaining to the Health of the Community and also to the Menbers for their ready eo-operation. To all who have assisted and contributed their share in helping to improve the social conditions in the County, my grateful thanks.

I am,

Your obedient Servant,

ARNOLD DAVIES,

County Medical Officer.

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE
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ANNUAL REPORT

OF THE

COUNTY MEDICAL OFFICER

1944.

SECTION A.

I—GENERAL STATISTICS.

Area (Acres)		176694
Population Estimated mid-year 1944	For Birth Rate and for Death Rate	47080
Number of Inhabited Houses, 1934		13110
Number of Families or Separated Occupiers		13186
Rateable Value as at 1st April, 1945		£179,561
Sum produced by a Penny Rate 1945—46 (Estimated)		£700 0s. 2d.

II—EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	Total	Males	Females
Births—Legitimate	744	369	375
Illegitimate	93	52	41
Total	837	421	416
Stillbirths	34	18	16
Rate per 1,000 Births	40		
Deaths	679	354	325

Number of women dying in, or in consequence of Childbirth—1.

Deaths of Infants under one year of age :—

Legitimate	Rate per 1000 Births	35
Illegitimate	do.	86
Total	do.	59
Deaths from Measles (all ages)	Rate per 1,000 Population	Nil.
Deaths from Whooping Cough	do.	.06
Deaths from Diarrhoea (under 2 years)	do.	.08

MIDWIVES.

The total number of Inspection Visits to Midwives	88
Number of Midwives :—	
North Wales Nurses	22
Queen's Nurses	5
Independant Trained	17
Total	44
Midwifery Cases attended	377
Maternity Cases attended	174

Medical Aid to Midwives.

Number of Cases in which Medical Aid was summoned during the year by a Midwife—112.

INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

13 Mothers were admitted to the Home, Valley, for their confinement.

323 Mothers were admitted to the County Hospital, Bangor, under the Complicated Midwifery Scheme.

COUNTY HOSPITAL MATERNITY DEPARTMENT.

Report on Anglesey Cases for 1944
by O. Vaughan Jones, M.D., F.R.C.S., M.R.C.O.G.

County Hospital Admissions :

Maternity Cases	261
Gynaecological Cases	57
Post-Natal Admissions	2
Neo-Natal Admissions	3
	323

40 Emergency Cases were sent in by Practitioners.
179 Normal Confinements.
5 Twins.
138 Complicated Cases.

Infants.

Still-Births : 11.
Neo-Natal Deaths : 10.
Neo-Natal Conditions : 32.
No maternal deaths.
1 Other Death.

Gynaecological Cases—57.

Deaths : 1.

District Work.

5 Emergency districts calls from Practitioners.

PRE-NATAL AND POST-NATAL CLINICS.

Clinic Centre	Number of Cases. Pre-Natal	Post Natal	Gynaecological.	Total attendances
Llangefni	107	28	8	262
Holyhead	129	48	47	399
Amlwch	74	21	14	172
Menai Bridge	89	9	17	219
Totals	399	126	86	1052

Comments.

Maternal Deaths :

There were no maternal deaths of Anglesey Cases confined in Hospital.

One patient suffering from severe disseminated sclerosis died after confinement from paralytic ileus.

A.J., Anglesey—admitted 22—4—44—died 1—5—44.

(i) Multigravida, aged 36. Full term.

(ii) Did not attend Pre-Natal Clinic but had been an in-patient during the Ante-Natal period.

4th—12th of February 1944—for observation of progressive disseminating sclerosis. She was then about 32 weeks pregnant.

(iii) Re-admitted in labour and had an easy normal confinement. Nervous lesion became aggravated—paralytic ileus developed. Seven days after delivery ileostomy performed—died 24 hours later.

(iv) Circumstances—poor.

(v) Death due to paralytic ileus, complicating disseminate sclerosis.

Still-Births. There were 11 still-births, all of which were within the field of obstetric risks—five being due to serious complications of confinement. It was estimated that 65.1% of all cases of Still-births occuring in Hospital attended the Pre-Natal Clinics.

Neo-Natal Deaths. Eleven neo-natal deaths occurred, two being syphilitic babies and one abnormally developed. Seven deaths therefore followed obstetric causes—as far as can be ascertained these could not be avoided.

Out of eleven healthy premature babies only one died. During the year 69 premature babies were nursed at the County Hospital, 13 died—a percentage of 18.8. In the British Isles premature babies form 50% of the annual neo-natal deaths. Our latest figure in the Hospital shows considerable decrease in the deaths, being only 33%. This is due to the value of a special nursery, a fixed routine of treatment and the untiring efforts of the staff.

Gynaecological Cases. The number of cases has increased, though 20 of these were cases of abortion. Most of this work is being done at the Infirmary, but nevertheless the combined Gynaecological accommodation of the two hospitals is inadequate. The beddage for this work should be increased.

District Work. Five emergency cases were treated on the district.

Pre-Natal Clinics. The attendances again increased and the question of duplicating the clinics at both Holyhead and Llangefni is serious. My thanks are due to the Nurses and voluntary workers, who help in the clinics.

I am of the opinion that as soon as practicable, I should be relieved of all ordinary pre-natal clinic work. At present, it is impossible to have sufficient time available for satisfactory Hospital duties.

O. Vaughan Jones.

INFANT WELFARE CENTRES.

Number of Centres provided and maintained by the Council.....14

Total number of children who first attended the Centres during the year and who on the date of their first attendance, were :—

(1) Under 1 year of age, 435.

(2) Between the age of 1 and 5 years, 103.

Total number of children under 5 years of age who attended at the Centres during the year and who, at the end of the year, were :—

(1) Under 1 year of age, 294.

(2) Over 1 year of age, 396.

HEALTH VISITING.

The Visits by Health Visitors are as follows :—

District	ANTE-NATAL VISITS. Cases	1st Visits	Total Visits	Prematernal Cases	Prematernal Visits	Births Notified	HEALTH VISITING. 1st Visits	Extra Visits	Visits to Prev. Cases	Visits to cases 1—2	Visits to cases over 2 yrs.
Aberffraw	13	13	119	—	—	41	41	4	105	135	202
Amlwch	39	39	207	7	7	45	45	34	169	263	183
Beaumaris	13	13	75	1	1	23	23	19	93	69	136
Bodedern	12	12	71	4	5	14	14	—	67	92	126
Bodorgan	7	7	41	—	—	19	19	7	76	110	208
Gwalchmai	30	30	231	—	—	41	41	34	116	135	449
Holyhead P.	2	2	16	—	—	61	61	7	133	151	487
C.	66	66	609	—	—	53	53	20	172	189	422
Holyhead L.M.S.	74	74	571	5	8	87	87	87	262	242	738
Llanddona	7	7	38	1	4	10	10	4	41	28	35
Llanerchymedd	27	27	198	1	2	27	27	4	99	103	105
Llanfaethlu	10	10	71	—	—	20	20	7	69	112	87
Llanfairpwll	2	2	14	—	—	20	20	9	51	99	183
Llanfechell	21	21	125	—	—	22	22	10	95	137	111
Llangefni	49	49	270	3	4	59	59	23	136	198	228
Llangoed	8	8	72	3	5	15	15	—	65	86	33
Llanidan	12	12	66	—	—	21	21	13	140	106	201
Newborough	14	14	90	3	7	21	21	1	68	65	111
Marianglas	16	16	165	1	4	30	30	28	83	88	233
Menai Bridge	17	17	93	—	—	37	37	2	113	146	259
Pentraeth	12	12	59	—	—	22	22	7	69	99	110
Rhoscolyn	7	7	34	3	5	20	20	12	58	58	39
Rhosybol	7	7	45	—	—	9	9	5	62	65	88
Total	465	465	3280	32	52	717	717	337	2341	2787	4854
Total 1944	541	541	3728	35	68	754	754	448	2458	2472	5243

INFANT LIFE PROTECTION.

All "Nurse Children" or Children taken for reward are visited quarterly by the Health Visitors.

10 Children are at present under supervision.

INSPECTION AND SUPERVISION OF FOOD

Food Inspector's Report.

January 1st—December 31st, 1944.

129 samples were submitted to the Public Analyst of which 28 were Not Genuine. These include 56 samples of milk of which 6 were Not Genuine.

378 samples of milk were submitted for Biological Examination for Tuberculosis. 10 were Positive.

2,706 samples of milk were submitted for Bacteriological Examination and for tests for Keeping Quality. 240 were unsatisfactory and required follow-up action.

PREVELANCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The Druid Isolation Hospital is available for the treatment of the following Infectious Diseases :—

	Scarlet Fever	Diph.	Typh.	Erys.	Measles	Puerperal C.S.M.	Pyrex.	Other	Total
In Hospital 1/1/44	11	2	—	—	—	—	—	—	13
Admitted 1944	143	71	—	1	1	1	1	1	219
Treated 1944	154	73	—	1	1	1	1	1	232
Discharged 1944	137	66	—	1	1	1	1	1	208
Died 1944	1	1	—	—	—	—	—	—	2
In Hospital 31/12/44	16	6	—	—	—	—	—	—	22

DIPHTHERIA IMMUNISATION.

Total estimated number of the children resident in Anglesey who are considered to have been immunised as at 30th June, 1945 :—

Aged 1 to 5 years.	5—15.	Total.
1092	6616	7708

Percentage of estimated Child population :—

38%	75%	66%

NOTIFICATIONS OF INFECTIOUS DISEASES 1944.

	Urban.					Rural.				
	Am. lwch.	Beau-maris	Holy-head	Llan-gefni	Menai Bridge	Aethwy	D'ran	Twr-celyn	Valley	Total Angle-sey.
Scarlet Fever	10	2	50	7	7	20	18	12	22	148
Diphtheria	1	—	1	33	—	8	1	2	4	50
Whooping Cough	3	2	9	—	—	9	—	19	5	47
Measles	6	—	—	—	—	1	—	7	2	16
Pneumonia	10	—	2	—	1	—	—	13	5	31
Chicken Pox	—	1	—	—	—	—	—	—	—	1
Puerporal Pyrexia	1	—	—	—	—	—	—	—	—	1
Opthalmia Neonatorum	1	—	—	—	—	—	—	—	—	1
Erysipelas	—	—	1	1	—	—	—	—	1	3
Dysentery	—	—	—	3	—	1	8	1	—	13
Total	32	5	63	44	8	39	27	54	39	311
Total last year	23	21	106	2	44	61	132	112	74	575
Tuberculosis Notifications 1944 :										
Pulmonary	6	3	30	6	1	7	6	17	10	86
Non-Pulmonary	—	—	2	1	—	2	1	2	1	9

AREA POPULATION, BIRTHS, DEATHS, FOR 1944

District	Area in Acres.	Population Census 1921	Population Census 1931	Population mid-year 1944	Births	Deaths
Amlwch	4494	2699	2561	2335	44	41
Beaumaris	3135	1841	1708	1982	35	28
Holyhead	730	11761	10707	9460	195	143
Llangefni	2510	1690	1782	1729	31	22
Menai Bridge	824	1798	1675	1784	35	24
Urban	11693	19789	18433	17290	340	258
Aethwy	52352	11095	10760	10320	162	128
Twrcelyn	53865	9241	8640	8450	145	139
Valley	58784	11619	11192	11020	190	154
Rural	165001	31955	30592	29790	497	421
Anglesey	176694	51744	49025	47080	837	679

ANNUAL RATES PER 1,000 OF ESTIMATED POPULATION

District	Birth Rate	Death Rate	Phthisis Death Rate	Respiratory Death Rate	Cancer Death Rate	Heart Disease Death Rate
Amlwch	18.84	17.55		.85	3.85	3.42
Beaumaris	17.66	14.12	.50	.50	2.01	5.04
Holyhead	20.62	15.11	.42	1.70	2.53	5.07
Llangefni	17.93	12.73		.58	2.31	2.89
Menai Bridge	19.62	13.45		.56	2.22	6.16
Urban	19.66	14.92	.29	1.21	2.60	4.75
Aethwy	15.70	12.40	,58	1.54	2.03	2.81
Twrcelyn	17.16	16.88	.47	1.06	2.13	4.74
Valley	17.24	13.97	.36	.90	1.08	3.08
Rural	16.68	14.13	.47	1.17	2.01	3.45
Anglesey	17.78	14.42	.40	1.18	2.23	3.92

INFANT DEATHS—STILLBIRTHS.

Rates per 1,000 Live Births.

District	Infantile Mortality Rate	Still births Rate	Maternal Mortality Rate
Amlwch	91	205	—
Beaumaris	57	29	—
Holyhead	51	26	5.00
Llangefni	—	—	—
Menai Bridge	—	—	—
Urban	47	44	2.94
Aethwy	37	12	
Twrcelyn	96	34	
Valley	73	63	
Rural	68	38	
Anglesey	59	40	1.19

1961